JOB #4738 BARGE ETT-114 BASF 6/95

Sinead.



HAZARDS COMMUNICATION STANDARD

-OSHA 1910.1200

EMPLOTEE HAZARDOUS MATERIALS TRAINING PROCEAM

Date 6-29-95		Supervisor	Soliente
Plant Hercules		Client Safety	
Area GAS Free DOC	K.		
The following listed ma	terials are conside	red to be hezardous to	the employees
working in this area; 41			
CHCLOHEXANE			
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·	 		
			•
The employees assigned	to work in this are	s have been informed o	f the hazardous
materials in this area,	the hazards they	present to the worker	s, the location
of hazards listed, the	protective equipme	nt that has been pro-	vided and where
it is located, and proce	sdures to be follow	ed in case of an accid	lental exposure.
I have received the trai			
form.			
NAME	BADGE }	NAME	BADCE
MATE	PADGE }	WATE	punce
Dag D Dag			
Jan Hans			
Janes H. (2000)9	<i>IC</i>		
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	1		HER 06113
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CYCLOHEXANE, 98%

DANGER!

EXTREMELY FLAMMABLE · VAPORS MAY IGNITE EXPLOSIVELY. POSSIBLE ASPIRATION HAZARD.

DANGER: CONTAINS BENZENE - CANCER HAZARD. Benzene is a known human carcinogen - overexposure may create cancer risk, blood changes or chromosome changes. Benzene has caused fetal death in animals.

PRECAUTIONS:

Keep away from heat, sparks and flame. Keep container closed. Use with adequate ventilation. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Launder contaminated clothing before reuse. Do not swallow. May be aspirated into the lungs.

FIRST AID

In case of contact, flush eyes with water. Flush skin with water for 15 minutes. If inhaled, remove from exposure. If breathing is difficult, give oxygen, seek medical attention. If swallowed, do not induce vomiting. Seek immediate medical assistance. NOTE TO PHYSICIAN: Gastric lavage using a cuffed endotracheal tube may be performed at your discretion.

FOR ADDITIONAL INFORMATION, SEE MATERIAL SAFETY DATA SHEET.

MANUFACTURED BY
PHILLIPS 66 COMPANY
A SUBSIDIARY OF PHILLIPS PETROLEUM COMPANY
BARTLESVILLE, OK 74004
UNITED STATES OF AMERICA

FORM 12503-S 12-89

3. O. Drawer O . Freeport, Texas 77541

INVOICE NO.

3030-95

DATE

06/30/95

Job No.

4738B-1

Location

: Freeport Yard

ro: BASE

602 Copper Road Freeport, TX 77541 Μ

PLEASE REMIT PAYMENTS TO: 11011 RICHMOND SUITE 500 HOUSTON, TX. 77042

Terms

: Net 30

FOR: Service to barge ETT114 as follows:

Welding out hole in bow rake (inside and out).

Labor: Journey 16 @ 31.00

\$496.00

TOTAL AMOUNT DUE

\$496.00

PHONE: (409) 233-6371

ERIC L. MOORE MARINE CHEMIST 713-520-5479 409-297-7699 P.O. BOX V FREEPORT TX 77542

INVOICE

Invoice No. 07058
Invoice Date 07/05/95

HERCULES P.O. DRAWER つ' FREEPORT TEXAS 77541 .

PO NUMBER

LARRY

28648

ETT 114

DESCRIPTION	TAXABLE	AMOUNT
CHEMIST CERTIFICATE OF INSPECTION ON THE VESSEL ETT 114 AT HERCULES IN FREEPORT TEXAS ON 29 JUN 95, 16:00.		250.00 -
		<u>;</u>
		•
4738 - 902603		
Amount Paid 0.00 Statement	Subtotal	250.00
0 - 30 days 31 - 60 61 - 90 90 plus Total Due 1,500.00 1,000.00 1,250.00 2,750.00 6,500.00	TOTAL	\$250.00

RECEIVED

1-24-95 JUL 5 RECTI

HERCULES OFFSHORE
MARINE DIVISION



Strength through experience, equipment, know-how

P.O. Drawer O Freeport, Texas 77541

* CHECK VALVE GASKET WILL BE REPLACED

* AIR TEST IS LAST THING TO BE DONE BEFORE RELEASING BARGE.

Office: (409) 233-6371 Fax: (409) 233-6375

FINAL CHECK LIST

DATE: 6-29-95	
BARGE: <u>ETT=114</u>	,
BLND NUMBER CHECKED 2 REPLACED GASKET	YESNO_
CATE VALVE NUMBER CHECKED 6 REPLACED GASKET	YESNO
PLUCS NUMBER THECKED / REPLACED PLUC	YESNO
CHECK VALVE NUMBER CHECKED NA REPLACED GASKET	YESNO
DEEPWELL BLIND NUMBER CHECKED NA REPLACED CASKET	YESNO
BELOW DECK CARGO PIPELINE BLIND NUMBER REPLACED	
BELOW DECK CARGO PIPELINE BLIND REMOVED YES NO 4	
DRIP PANS VALVES: CLOSED BY CASAS	
DRIP PANS COVER: CLOSED BY S 4M	
COMTAINMENT AREA PLUG OR VALVES: CLOSED BY	<u>,</u>
AIR TEST CARGO LINE - 40psi - USING SOAP	ysise
SICNATURE OF TESTER: Washer Deart	
WITNESS: Steen	
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SHIPPING ORDER

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JUL NO. 4738	ETA	
· / - · · · · · · · · · · · · · · · · ·	DATE/TIME ARRIVAL	
CUSTOMER	DATE/TIME STARTED	1
PRODUCT CYCLO HEXENE 1.	DATE/TIME COMPLETED	
DISPOSAL AMOUNT AMOUNT STRIP	PD 300	
CLEANING INSTRUCTION BY:		
COMPLETION SCHEDULE BY: SUSETTO	•	
OVERTIME AUTHORIZED BY:		
BARGE INSPECTED BY: Claritic Cont	DATE/T DIE:	
MARCE RELEASED TO:	DATE/TIME:	
MARCE RELFASED TO:	NEW CASKET YES YO	
BELOW DECK CARGO PIPELINE: BLIND OPEN YES	NO CLOSED BY NEW CARRET	
DECK CHECK VALVE OPENED: YES NA NO	CLOSED BY NEW CASKET NO	
DECK HEADER BLINDS OPEN: YES NO CL	OSED BY SAM NEW GASKET	<u></u>
DECK HEADER DRAIN PLUC OPEN: YES NO C	LOSED BY SAM	
VAPOR RECOVERY HEADER OPENED: YES NO	CLOSED BY SAM NEW CASKET	<u> </u>
RUST SCALE: YES NO WASHED OUT	BUCKETED OUT_	90
GUMBER OF CARGO TURKS 3		
TOTAL SECTION OF THE SECTION OF THE CONTROL OF THE CONTROL OF THE SECTION OF THE	· · · · · · · · · · · · · · · · · · ·	
HAR STRIPPED: YES N/A NO.	TEE FRESSURE TEST DATE:	
DRIP PANS STRIPPED: YES NO NO		
WEATHER: TEMP 40 RAIN FOC HUMIDITY		
PIPELINE WASHED: MQ PIPELINE BLOWN HES	PIPELINE SUMPS INSPECTED Clauder Que	<u>L</u>
BOW RAKE CHECKED: YES NO	STERN RAKE: YES NO NO	
70 DS: YES 1 NO SAFETY EQ	UIPMENT USZD:	
	, , , , , , , , , , , , , , , , , , ,	*****

WORK SCOPE

ERIC L. MOORE MARINE CHEMIST 713-520-5479 409-297-7699 P.O. BOX V FREEPORT TX 77542

INVOICE

Invoice No.	07041	
Invoice Date	07/05/95	

HERCULES P.O. DRAWER O FREEPORT TEXAS 77541

PO NUMBER 4738-90260

LARRY

28647

ETT-114

	DES	CRIPTION			TAXABLE	AMOUNT
		ATE OF INSPE		HE VESSEL ETT 114 /	AT	250.00
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mount Paic					Subt	otal 250.00
- 30 days	31 - 60	61 - 90	90 plus	Total Due		
,500.00	1,000.00	1,250.00	2,750.00	6,500.00	TOT	TAL \$250.00

Jef RECEIVED

7-24-95
JUL 5 RECTO

H HERCULES OFFSHORE
MARINE DIVISION

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OH 80L	H738							† † † †				# 6
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CLASS	ETT-114											-
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	SAM PETTIT JUAN RIVER	14									-	4
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HERCULES OFFSHORE CO.

MARINE REPAIR

MARINE OPERATIONS FACILITY

INVOICE NO. __

ORDER No. 4738	COSTOMER P.O.
ONDER WRITTEN ONDER WRITTEN O-28-95 ARRIVAL A	C BASE S DILLING ADDRESS T O CITY AND SYATE MORR AUTHORISED BY SITE STOCK MATERIAL YES NO IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET OUTSIDE SERVICES YES NO
ON WAYS DATE:	•
ON WAYS DATE:	
	UMBERS
1 STRIP BLOW DRY	· · · · · · · · · · · · · · · · · · ·
2 NITROGEN PURGE	
3	
4	
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THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED W	WITH THE ABOVE. HER 06123
Signed:	Date:

HERCULES OFFSHORE CO.

MARINE OPERATIONS FACILITY

MARINE REPAIR

ORDER No. 4738	CUS T	OMER P.O
APACE WENTER	C MANGE	
D 49874AL	U BASF	
A 6-19-95 T COMPLETION DATE	S OILLING ABORES	
E COMPLETION DATE	O CITY AND STATE	
SEPARTURE DATE	M E PHONE NUMBER	<u>. </u>
M/V GARGE	R SORE XUVHORIZED BY	O/Y AUTHORIZED BY
MAME F77-114	SUZETTE	
WOTW .	STOCK MATERIAL	YESNO
POREMAN	IF YES, COMPLETE STOCK M	ATERIAL TRANSFER TICKET
CLAUDIO DUARTE	OUTSIDE SERVIÇES	
CYCLO - I BUTTALOL YES	IF YES, LIST	☐ YES
GAS FREEING NO CERTIFICATE REQUIRED NO		_
HAUL OUT FOR INSPECTION AND REPAIR YES NO -		
		· · · · · · · · · · · · · · · · · · ·
ON WAYS DATE:		
ON WAYS DATE:		f
ITEM A	UMBERS	
1		-4
1 STRIP BLOW DRY		, - - -
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2 NITROGEN PURGE		
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THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED 1	WITH THE ABOVE.	HER 06124
	_	
Signed:	Date:	

113-520-5419

MARINE CHEMIST CERTIFICATES SERIAL NO. G 28648

vey Requested by		Owner or Agent		75 ارتزاز Date
		Pe of Vessel		<u>c i</u>
16.24.E1.126		EL-DOVE BL	_	10,00
Three (3) Cargoss	Ter	sis Performéd	Т	ime Survey Compl
CHEGO T	110KS 112 = 3 -	7 NOT SINTE	TOK WAKED	
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in the event of	any physical or almospheric changes adversely	affecting the STANDARD SAFETY	DESIGNATIONS assigned (o any star
· · · · · · · · ·	aces, or if in any doubt, immediately stop all wo		· · · · · · · · · · · · · · · · · · ·	The state of the s
after conditions in	Movement of vessels from original location, tre pipe lines, tanks or compartments subject to	eas accumulation, unless specifics	lly approved in this Certifi	cate, requires
inspection and en appurtenances sh	dorsoment or relissue of Certificate for the spec- all be considered "not safe" unless otherwise s	es so affected. All lines, vonts, hea pecifically designated.	ting colls, valves, and simi	larly enclosed
	DESIGNATIONS (partial list, paraphrased from NFPA 306 S : Means that in the compartment or space so designated: (a) if	•	•	(b) toxic materials
in the atmosphere are v	rithin permissible concentrations; and that, (c) the residues are ne Chemist's Certificate.	not capable of producing toxic materials unx	ler existing atmospheric condition	s while maintained
NOT SAFE FOR WOR	KERS: Means that in the compartment or space so designal			
ENTER WITH RESTRIC	CTIONS: Means that in any compartment or space so design	ated, entry for work may be made only if con	ditions of proper protective equipr	ment, clothing, and
SAFE FOR HOT WORK	<u>C. Means that in the compartment so designated: (a) oxygen (not is to be performed; and that, (b) the concentration of fla</u>	content of the atmosphere is at least 19.5 per	cent by volume, with the exception with the exception with the lower flamma	n of inerted spaces
(c) the residues are not	capable of producing a higher concentration than permitted b themselves Certificate, and further, that, (d) all adjacent sp	y (b) above under existing atmospheric cond	itions in the presence of fire, and w	hile maintained as
sufficiently to prevent the Marine Chemist's re	e spread of fire, or are satisfactorily merted, or, in the case of fi	el tanks or lube oil tanks, or engine room or fi	re room bilges, have been treated	n accordance with
NOT SAFE FOR HOT	WORK: Means that in the compartment so designated, the r	•		
SAFE FOR REPAIR YA	RDENTRY: Means that the compartments and spaces of the results indicate the atmosphere tested to be above 19.5 per	e flammable cryogenic liquid carrier so des cent oxygen, and less than 10 percent of th	gnated: (a) have been tested by s e lower flammable limit, or (b) are	ampling at remote inerted.
CHEMIST'S ENDORS	EMENT. This is to certify that I have personally determined	that all spaces in the foregoing list are in acc		
e undersigned acknowledge:	d the condition of each to be in accordance with its assigne receipt of this Certificate under Section 2-6 of NFPA 306 and	This Certificate is based on conditions exis	ing at the time the inspection herein se	t lorth was completed :
	bons under which it was issued."	issued subject to compliance with all qualifi-	cations and instructions.	
erstands contonions and timita		1 1.		
ned	Conpany	Signed Manny :	4 M 32-	

112-500-3477.

MARINE CHEMIST CERTIFICATES SERIAL NO. G 28647

Li I h A T	Vessel Owner or Agens	21 VH175
<u> </u>	DAIN PLINGE	HEROLE
100 1 / Cuding 1 (1) 1/16	No of Vessel —————————————————————————————————	Specific Location of W
R Three (3) Cargoes	Total Performed	Time Survey Comp
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2-04		
the event of any physical or atmospher	c changes adversely affecting the STANDARD SAFETY DESIGN	ATIONS assigned to any a figure
	nediately stop at work and contact the undersigned Marine Ch original location, transfer of ballast, or manipulation of valves	
alter conditions in pipe lines, tanks or comp inspection and endorsement or reissue of Ce	rtments subject to gas accumulation, unless specifically appr tificate for the spaces so affected. All lines, vents, heating col	oved in this Certificate, requires
appurtenances shall be considered inot safe STANDARD SAFETY DESIGNATIONS (partial list, para	' unless otherwise specifically designated. hrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2	1
SAFE FOR WORKERS: Means that in the compartment of	space so designated: (a) the oxygen content of the atmosphere is at least 19.5 per nd that, (c) the residues are not capable of producing toxic materials under existin	cent by volume; and that, (b) toxic materials
as directed on the Marine Chemist's Certificate.	nent or space so designated, the requirements of Safe for Workers have not be	
ENTER WITH RESTRICTIONS: Means that in any compa	riment or space so designated, entry for work may be made only if conditions of	
	o designated: (a) oxygen content of the atmosphere is at least 19.5 percent by vo	
(c) the residues are not capable of producing a higher con	 b) the concentration of flammable materials in the atmosphere is below 10 per- centration than permitted by (b) above under existing atmospheric conditions in the r, that, (d) all adjacent spaces containing or having contained flammable or or 	e presence of fire, and while maintained as
directed on the Marine Chemist's Certificate, and further	r, triat, [d] all abijacem spaces consuming or having consumed hammade or c inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bi	ges, have been treated in accordance with
	•	
the Marine Chemist's requirements. NOT SAFE FOR HOT WORK: Means that in the compa	ment so designated, the requirements of Safe for Hot Work have not been met	
the Marine Chemist's requirements. NOT SAFE FOR HOT WORK: Means that in the compa SAFE FOR REPAIR YARD ENTRY: Means that the compa sampling stations, and results indicate the atmosphere to	artments and spaces of the flammable cryogenic liquid carrier so designated; (sted to be above 19.5 percent oxygen, and less than 10 percent of the lower fla	i) have been tested by sampling at remote immable limit, or (b) are inerted
the Marine Chemist's requirements. NOT SAFE FOR HOT WORK: Means that in the compa SAFE FOR REPAIR YARD ENTRY: Means that the compa sampling stations, and results indicate the atmosphere to	artments and spaces of the flammable cryogenic liquid carrier so designated: {i sted to be above 19.5 percent oxygen, and less than 10 percent of the lower fli- re personally determined that all spaces in the foregoing list are in accordance	i) have been tested by sampling at remote immable limit, or (b) are inerted.
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HERCULES OFFSHORE CO.

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F7T-114	SUZETTE
	STOCK MATERIAL YES NO
MAN	IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKE
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FREEING NO CERTIFICATE REQUIRED NO	
OUT FOR INSPECTION AND REPAIR YES NO -	
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SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED	WITH THE ABOVE.

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MARINE SERVICES CORPORATION

P. O. Drawer O • Freeport, Texas 77541

INVOICE NO. : 3029-95

DATE

06/30/95

Job No.

4738-1

Location

Freeport Yard

TO: BASE

602 Copper Road Freeport, TX 77541 PLEASE REMIT PAYMENTS TO:

11011 RICHMOND

SUITE 500

HOUSTON, TX. 77042

Terms

: Net 30

حمار

FOR: Service to barge ETT114 as follows:

> Set up equipment Strip out all free product Blow cargo pipeline and stripping system Vacuum blow dry cargo tanks Sweep powder rust from cargo tank floors Wash and strip deck around engine and headers Pressure test cargo pipeline to 40# psi Clean off deck Remove equipment Close barge

Labor: Leadman 6.5 @ 33.50 Journey 26 31.00 6 Journey 1 44.25

Equipment: Compressor 44.00 6 Air movers 24 5.00 6 Vacuum 3 18.00 Hand hose 2 10.00 3" gas pump 2 6 14.00 2" strip pump 2 6 12.00

Material 300.00

44.25 264.00

\$ 217.75

1,038.50

120.00 54.00 20.00 28.00 24.00

300.00

TOTAL AMOUNT DUE

\$2,110.50

Product: Cyclo - N. Butanol

Arrived: 6/29/95 7:00 a.m. Completed: 6/29/95 2:00 p.m.

PHONE: (409) 233-6371

	MARINE SERVICE CORP. FREEPORT, TEXAS	201		l 1	· ;		· ·				<u> </u>		
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Strength through environmental awareness and customer service

P.O. Drawer O Freeport, Texas 77541 Office (409) 233-6371 Fax. (409) 233-6375

EQUIPMENT	HOURS USED	HOURLY RATE	TOTAL PRICE
COMPRESSOR	6	44.00	
AIR MOVERS	24	5.00	**********
VACUUM (?	3	20.00	************
BOILER		80.00	
HAND HOSE	-	10.00	-
BUTTERWORTH		10.00	
2" STRIP PUMP	7	12.00	
3" DIESEL PUMP	2	14.00	************
4" ELECT PUMP		15.00	
CRANE		130.00	
CHERRYPICKER	,	50.00 .	
FORKLIFT		20.00	
TUC BOAT		30.00	
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WELD MACHINE		15.00	, , a r
CUTTING RIG		8.00	
WORK BARGE		35.00	
HAUL OUT		1100.00	

DATE: 6-29-95 JOB NO: 4738 BARCE NAME: 477-114

ERIC L. MOORE MARINE CHEMIST 713-520-5479 409-297-7699 P.O. BOX V FREEPORT TX 77542

#### INVOICE

Invoice No. 07058
Invoice Date 07/05/95

HERCULES P.O. DRAWER O FREEPORT TEXAS 77541

PO NUMBER

LARRY

28648

ETT 114

DESCRIPTION	TAXABLE	AMOUNT
CHEMIST CERTIFICATE OF INSPECTION ON THE VESSEL ETT 114 AT HERCULES IN FREEPORT TEXAS ON 29 JUN 95, 16:00.		250.00
P.D. 4738 - 90260		,c.+
	Subtota	ai 250.00
Amount Paid 0.00 Statement		

# RECEIVED

JUL 5 RECO

HERCULES OFFSHORE MARINE DIVISION